

Amendments to the 2004 Standard Specifications

Effective January 5, 2004

Please Note: The following list is a brief overview of each revision. The actual amendment should be reviewed in depth to become completely knowledgeable of the revision.

Section 1-07.18 Public Liability and Property Damage Insurance

This specification was revised through a joint effort of working with contractors, insurance agents and WSDOT contract administrators from all around the state. In addition to increasing the coverage, the new provisions revise the duration of the OCPI policy and allow some deductibles for the first time.. By working with the Contractors and their insurance agents, WSDOT will have improved its protection at a minimal increase in cost to the project.

Section 2-03.3(14)D Compaction and Moisture Control Tests

This specification was revised to add test method AASHTO T 180 Method D for materials with 30% or more by weight retained on the U. S. No. 4 sieve and less than 30% retained on the $\frac{3}{4}$ inch sieve. This method was added because the WSDOT Test Method No. 606, was developed by WSDOT and nobody else had the equipment to perform the test. The addition of the test allows other agencies a method of testing the above material for moisture content.

Standard Specification 4-04.3(5) Shaping and Compaction

This specification was revised to reference the revision made to Standard Specification 2-03.3(14)D above.

Standard Specification 5-01.3(6) Dowel Bar Retrofit

This specification was revised by adding “pressure washing of the slots” as a method of cleaning the slots prior to the placement and grouting of the dowel bars. By adding this method of cleaning, numerous change orders will not have to be written, as has been done in the past, due to numerous requests by the contractors.

Standard Specification 5-04.3(8)A Acceptance Sampling and Testing – HMA Mixture

This specification was revised by changing the test method for volumetric properties (VMA, VFA and VA) from WSDOT FOP for AASHTO T 312 to WSDOT SOP 731.

Standard Specification 5-04.3(13) Surface Smoothness

This specification was revised to correct a printing error in the 2004 Spec book by adding a value (1/8 inch) that the wearing course can not vary by under the lower edge of a 10 foot straight edge.

Standard Specification 5-04.4 Measurement

This specification was revised by adding a measurement statement for “Commercial HMA”.

Standard Specification 6-02.3(5)A General

This specification was revised requiring the contractor to supply the “exact mix I.D.” for the concrete being evaluated for individual strength test.

Standard Specification 6-02.3(17)K Concrete Forms on Steel Spans

This specification was revised to add clarity and emphasize the intent of preventing rotation and distortion of the steel girder web from the application of temporary formwork loading.

Standard Specification 6-02.3(27) Concrete for Precast Units

This specification was modified to add the use of Self Compacting Concrete (SCC) for constructing drainage items covered under Standard Specification 9-12.

Standard Specification 6-03.3(39) Swinging the Span

This section was revised to reflect the use of Contractor supplied surveying on a project. As it is currently written, it requires WSDOT to perform certain surveying activities even if Contractor supplied surveying is utilized on a project.

Standard Specification 8-15.5 Payment

This section contains a minor revision to clarify the payment of the placement of Rip Rap by the ton or cubic yard.

Standard Specification 8-20.3(6) Junction Boxes, Cable Vaults, and Pull Boxes

Revisions were made to this section as a result of the improper placement of junction boxes in concrete barrier. The revision includes a standard placement procedure and a repair procedure if the box is placed improperly.

Standard Specification 8-20.3(11) Testing

This revision modifies the turn-on procedure for signals and also clarifies the roles and responsibilities between the contractor and WSDOT personnel.

Standard Specification 9-03.21(2) Recycled Asphalt Concrete Pavement

This revision allows for the use of 1.2% of recycled ACP in gravel borrow if it is not going to be utilized in the construction of structural earth walls, geosynthetic retaining walls, or geosynthetic slope backfill.

Standard Specification 9-05.16 Grate Inlets and Drop Inlets

This revision adds the use of ASTM A 992 structural carbon steel based on the structural steel industry market. This is becoming the material of use for wide flange sections even though ASTM A 36 is still plentiful. Other specifications that have this addition are **9-06.16, 9-16.3(1), 9-16.3(2), 9-16.3(5), 9-28.11, 9-28.14(2), and 9-29.6(1).**

Standard Specification 9-06.18 Metal Railings

This specification was revised to limit the chemical contents for silicon content of galvanized steel products. By limiting the silicon content, we will prevent most of the mottled or dull gray or brown coloring we have seen over the years on our galvanized steel. Other specifications that include this revision are **6-06.2, 9-28.14(2), and 9-29.6(1).**

Standard Specification 9-09.2 Grade Requirements

This revision adds the use of Hem-Fir No. 1 for timber lagging used to construct soldier pile walls.

Standard Specification 9-14.4(8) Compost

This specification was revised by allowing more fines in Type 2 Compost. As the specification was currently written, the Washington Organic Recyclers would not be able to supply Type 2 compost. Therefore, this specification was revised to reflect the AASHTO specifications which are more generous with the fines criteria.

Standard Specifications 9-17.3 Field Tests

This specification revised the testing method requirement for item No. 4 from 35 to 55 miles per hour to reflect the AASHTO requirements. This spec has been a misprint for a number of years.

Standard Specification 9-29.3 Conductor Cable

This revision further defines the requirements for conductor cable used inside the illumination and signal poles. These cables in addition to carrying current must also endure the consistent movement of the poles and may experience failure due to the coating of the wire wearing off, thus prompting this revision.

Standard Specification 9-29.10 Luminaires

This revision deletes the hot dipped galvanized requirements for luminaires to allow for other acceptable methods of applying galvanization on the poles.

Standard Specification 9-29.23(6) Radio Interference Suppressers

This section was revised by replacing the term “cycle” with “hertz”, a more commonly used term by the electronic industry.

Standard Specification 9-29.13(7) Traffic-Actuated Controllers

Minor revisions were made to this specification to standardize traffic signal controllers. Also included in this standardization are Standard Specifications **9-29.13(7)B** and **9-29.13(7)D**.

Standard Specification 9-29.13(7)E Type 170E, 170E-HC-11, 2070, 2070 Lite ATC Controller Cabinets

This specification deletes the requirements for a particular color for lock cores, addresses the coatings and deletes the requirement for heaters in the cabinets. The existing electronics within the cabinets create enough heat for the cabinets without an additional heating source being specified.

Standard Specification 9-29.21 Flashing Beacon

This revision allows the use of LED or incandescent lighting technology for a flashing beacon.

Standard Specification 9-29.24 Service Cabinets

This revision clarifies that the control circuit conductors shall be No. 14 AWG stranded copper.

Standard Specification 9-29.25 Amplifier, Transformer, and Terminal Cabinets

This revision eliminates the requirement for core lock colors.